

S/N: TBA

8/27/2003

Docket No.: AIA-100-C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: TO BE ASSIGNED Confirmation No.: TO BE ASSIGNED
Continuation of 09/979,712

Applicant: Satoshi Amano, et al.

Art Unit: TO BE ASSIGNED

Filed: August 27, 2003

Examiner: TO BE ASSIGNED

Docket No: AIA-100-C

Customer No: 28892

For: Agent Promoting the Formation of Skin Basement Membrane,
Agents Promoting the Formation of Artificial Skin and Process
for Producing Artificial Skin

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. §§ 1.56, 1.97, and 1.98

US Patent & Trademark Office
2011 South Clark Place
Customer Window
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

In compliance with the dictates of 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicant hereby submits an Information Disclosure Statement.

The referenced documents were previously cited by or submitted to the USPTO in the parent application serial number 09/979,712 and copies may also be found therein. The references are submitted again with the desire that the Examiner consider the information and that the references considered be printed on any resulting patent. It is respectfully requested that the Examiner indicate such consideration by enclosing an appropriately initialed copy of

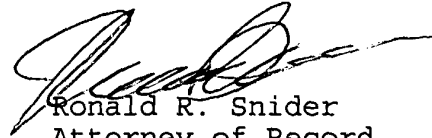
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the enclosed form PTO-1449 with the next communication from the Patent Office.

Respectfully submitted,



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Date: August 27, 2003

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PTO FORM 1449 SUBMISSION

U.S. PATENT DOCUMENTS			
Examiner Initials*	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
	5,654,135	Estelle Tinois, et al.	08-05-1997
	5,807,555	Frederic Bonet, et al.	09-15-1998
	6,093,398	Peng Tee Khaw, et al.	07-25-2000
	6,146,664	Mukhtar Siddiqui	11-14-2000
	2002/0010162 A1	Raul Fleischmajer	01-24-2002

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T**
	JP 62-270162	NTT Advanced Technology Corp	11-24-1987	
	WO 89/05137	Martin Kludas	06-15-1989	
	WO 90/05755	Collagen Corporation	05-31-1990	
	WO 95/24921	Inst. of Ophthalmology	09-21-1995	
	JP 8-67621 (Eng Lang Abstract)	Advanced Sukin Res Kenkyosho:KK	03-12-1996	
	JP 8-196618 (Eng Lang Abstract)	Terumo Corp.	08-06-1996	

	WO 97/25969	The University of Michigan	07-24-1997	
	WO 99/03979	Smith & Nephew PLC	01-28-1999	
	JP 11-79970 (Eng Lang Abstract)	Shiseido Co., Ltd.	03-23-1999	
	JP 11-147833 (Eng Lang Abstract)	Noevir Co., Ltd.	06-02-1999	
	JP 11-315008 (Eng Lang Abstract)	Shiseido Co., Ltd.	11-16-1999	
	JP 11-322577 (Eng Lang Abstract)	L'Oreal SA	11-24-1999	
	JP 11-343226 (Eng Lang Abstract)	Shiseido Co., Ltd.	12-14-1999	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiners Initials*	Include Author (CAPITAL LETTERS), title of article, book, magazine, etc. date, page(s), volume-issue number(s), publisher, city and/or country where published	T**
	LAVKER, ROBERT M., "Structural Alterations in Exposed and Unexposed Aged Skin," <u>The Journal of Investigative Dermatology</u> , July 1979, pp. 59 - 66, Vol. 73, No. 1	
	MOLONEY, STEPHEN J. et al., "The Effect of Systemic Cyclosporin A on a Hairless Mouse Model of Photoaging," <u>Photochemistry and Photobiology</u> , 1992, Vol. 56, No. 4., Great Britain: Pergamon Press, Ltd.	
	KOIVUKANGAS, V. et al., "UV Irradiation Induces the Expression of Gelatinases in Human Skin <i>In vivo</i> ," <u>Acta Derm Venereol</u> , 1994, pp. 279 - 282, Vol. 74, Scandinavian University Press	
	SHINJIRO ODAKE, et al., "Inhibition of Matrix Metalloproteinases by Peptidyl Hydroxamic Acids," <u>Biochemical and Biophysical Research Communications</u> , March 1994, pp. 1442-6, Vol 199, No. 3, Academic Press, Inc.	
	FISHER, GARY J. et al., "Molecular basis of sun-induced premature skin aging and retinoid antagonism," <u>Nature</u> , January 25, 1996, pp. 335 - 339, Vol 379	
	SCHARFFETTER-KOCHANKE, KARIN, "Photoaging of the Connective Tissue of Skin: Its Prevention and Therapy," from <u>Antioxidants in Disease Mechanism and Therapy</u> , edited by Helmut Sies, <u>Advances in Pharmacology</u> , 1997, pp. 639 - 655, Vol. 38, San Diego, CA: Academic Press	

	TANAKA, SHINJI et al., "Effects of Lysophospholipids on Hyaluronic Acid Synthesis in the Skin. I. Effects of Lysophosphatidylcholine on Hyaluronic Acid Synthesis in Cultured Dermal Fibroblasts," <u>Journal of Japan Society of Fats and Oils</u> , 1997, pp. 13 - 19, Vol. 46, No. 9 (With English Language Abstract)	
	LAWRENCE J. MacPHERSON, et al., "Discovery of CGS 27023A, a Non-Peptidic, Potent and Orally Active Stromelysin Inhibitor That Blocks Cartilage Degradation in Rabbits," <u>J. of Med. Chem.</u> , August 1997. pp. 2525-32, Vol. 40, No. 16, The American Chemical Society	
	MISH, F.C., ed., <u>Merriam-Webster's Collegiate Dictionary</u> , 1993, Merriam-Webster, Incorporated, Tenth Edition, page 1205.	

Examiner Signature		Date Considered	
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***Examiner:** Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

****Applicant** is to place a check mark here if English language translation is attached